



भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 47] नई दिल्ली, शनिवार, नवम्बर 23, 1974 (अग्रहायणा 2, 1896)
No. 47] NEW DELHI, SATURDAY, NOVEMBER 23, 1974 (AGRAHAYANA 2, 1896)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2 PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE PATENTS AND DESIGNS

Calcutta, the 23rd November 1974

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

17th October 1974

- 2302/Cal/74. Duplop Limited. Cloth. (October 19, 1973).
- 2303/Cal/74. Dunlop Limited. Pneumatic tyres. (October 20, 1973).
- 2304/Cal/74. Crawford Brown Murton. Method for refining pig iron into steel.
- 2305/Cal/74. Hoechst Aktiengesellschaft. New Water-Soluble Azo Dyestuffs, Their Preparation and Utilization.
- 2306/Cal/74. Hoechst Aktiengesellschaft. 1-Aminobenzene-5-β-sulfatoethylsulfone-2, 4-disulfonic acid, the 5-vinylsulfone compound and the alkali salts thereof and process for preparing them.
- 2307/Cal/74. Hitachi, Ltd. Regenerative brake control system for DC motor.
- 2308/Cal/74. Siemens Aktiengesellschaft. Improvements in or relating to frequency-changer structures. (August 6, 1974) U.K.
- 2309/Cal/74. Prerovske Strojirny Narodni Padnik. Apparatus for bruning cement raw materials and the like.
- 2310/Cal/74. Schubert & Salzer Maschinenfabrik Aktiengesellschaft. Method of effective a thread join in an open-end spinning apparatus, and apparatus for performing such method.

19th October, 1974

- 2311/Cal/74. Uniroyl Inc. A 0° belted tire. [Divisional date July 7, 1972].

1—337GI/74

- 2312/Cal/74. Mitsui Toatsu Chemicals, Incorporated. Treatment of water vapor generated in concentrating an aqueous urea solution.
- 2313/Cal/74. Lynn Lawrence Augspurger. Improvements in reproduction processes for cellular bodies.
- 2314/Cal/74. H. S. Gandhi and K. S. Gandhi. Variable speed control device.
- 2315/Cal/74. N. T. Kothari. Packing material for automobile batteries.
- 2316/Cal/74. N. T. Kothari. Containers for automobile batteries.
- 2317/Cal/74. The Mead Corporation. Sterile fluid system.

21st October 1974

- 2318/Cal/74. I. S. F. Spa. Process for preparing intermediates.
- 2319/Cal/74. Uss Engineers and Consultants, Inc. Sliding, closing valve for pouring ladles for liquid metals, especially steel.
- 2320/Cal/74. Philip Morris Incorporated. Expanding tobacco.
- 2321/Cal/74. Sheritt Gordon Mines Limited. Process for treating nickeliferous laterite ore containing limonite and serpentine fractions. (October 29, 1973).
- 2322/Cal/74. R. Kishan. Water purifying instrument.
- 2323/Cal/74. Phone-Ducs, Inc. Light weight cable housing.
- 2324/Cal/74. Richter Gedeon Vegyeszeti Gyar Rt. A process for the production of fermentation broth with increased vitamin b₁₂ content by synchronizing the bacterium population.
- 2325/Cal/74. A. Kumar and V. Kumar. Improved compact formations and a method of constructing same.
- 2326/Cal/74. Council of Scientific and Industrial Research. A new technique to produce high strength cast irons.
- 2327/Cal/74. Council of Scientific and Industrial Research. Pencil type coating thickness gauge.

2328/Cal/74. Council of Scientific and Industrial Research. Improvement in or relating to manufacture of possolana cement with particular reference to possolana cement from paddy husk.

2329/Cal/74. Council of Scientific and Industrial Research. Improvements in or relating to electroplating of copper on stainless steel.

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE (BOMBAY BRANCH)

17th September 1974

333/Bom/1974. S. R. Kumar. Car code unit cum burglar alarm.

20th September 1974

335/Bom/74. A. D. Mehta. A machine can prevent marine floating machines from sinking and can increase its loading capacity.

336/Bom/74. Prof. D. R. Phatak, Prof. G. S. Tasgaonkar and Prof. M. S. Pranale. Modified method for measuring permeability in R & Z direction.

337/Bom/74. S. C. Gandhi. Bottle and can opener.

338/Bom/74. Tata Engineering and Locomotive Company Limited. Aluminium Cable Assembly.

21st September 1974

339/Bom/74. Dr. C. D. S. Lakshmanan. An improved system of locking nuts and bolts with adjustable scope for regulating tension.

23rd September 1974

340/Bom/74. J. H. Patel. Automatic switch for operating electrical appliances at present time.

341/Bom/74. S. M. Nagesh. Scarlet Red—LR.—155.

25th September 1974

342/Bom/74. Dr. S. K. Sanghani. A gearless device which increases or doubles the speed of ordinary cycle two-wheeled, or tricycle three-wheeled as the case may be.

343/Bom/74. Shri U. S. Nalk. Cigarettes selling machine.

344/Bom/74. U. Mandrekar. Improvements in or relating to industrial mixers.

18th September 1974

334/Bom/74. B. C. Patadia and P. T. Bajaj. Electronic ignition system for gasoline engines.

ALTERATION OF DATE

136340. Ante-dated to January 5, 1973.

(1472/Cal/74).

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 40B.

81072.

IMPROVEMENTS IN OR RELATING TO THE PREPARATION AND PRODUCTION OF CATALYSTS FOR THE HYDROGENATION OF ORGANIC SUBSTANCES WITH PARTICULAR REFERENCE TO FATTY OILS.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, OLD MILL ROAD, NEW DELHI-1, INDIA.

Application No. 81072 filed March 5, 1962.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims. No drawings.

A process for the preparation of hydrogenation catalyst material which consists in co-precipitating carbonates of nickel and copper with an aqueous solution of sodium carbonate and sodium bicarbonate.

CLASS 32E.

107987.

A PROCESS FOR THE MANUFACTURE OF POLYMERIC DIGUANIDES.

IMPERIAL CHEMICAL INDUSTRIES LIMITED, OF IMPERIAL CHEMICAL HOUSE, MILBANK, LONDON, S. W. 1, ENGLAND.

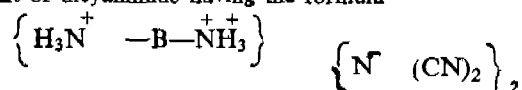
Application No. 107987 filed November 16, 1966.

Convention date November 26, 1965 (50340/65) U. K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims. No drawings.

A process for the manufacture of polymeric diguanides which comprises reacting a diamine of the formula $H_2N-A-NH_2$, or an inorganic acid salt of such a diamine, with a diamine salt of dicyanamide having the formula



wherein A and B represent difunctional aliphatic, cycloaliphatic, aromatic or heterocyclic radicals, at least the initial part of the reaction being carried out in the presence of a hydroxylic liquid which is a solvent for the said reactants.

CLASS 32F.

117960.

PROCESS FOR THE PREPARATION OF LINCOMY-CIN DERIVATIVES.

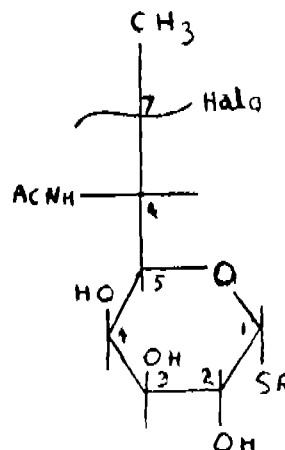
THE UPJOHN COMPANY, OF 301 HENRIETTA STREET, KALAMAZOO, MICHIGAN, UNITED STATES OF AMERICA.

Application No. 117960 filed October 7, 1968.

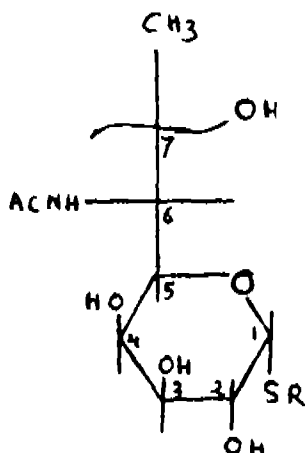
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

The process of making compounds of the formula



wherein R, Ac and Halo are as given below, which comprises reacting a compound of the formula



with triphenyl phosphina and carbon tetrahalide in an inert solvent to replace 7-hydroxy group with halogen, wherein Ac is hydrogen or acyl, R is the radical of a mercaptan, and Halo is chlorine, bromine, or iodine, and, if desired, converting the free base to an acid-addition salt by the addition of an acid.

CLASS 32F₁, 55E, & 170A.

121439.

PROCESS FOR THE MANUFACTURE OF CARBAMATES OF BISPHENOLS.

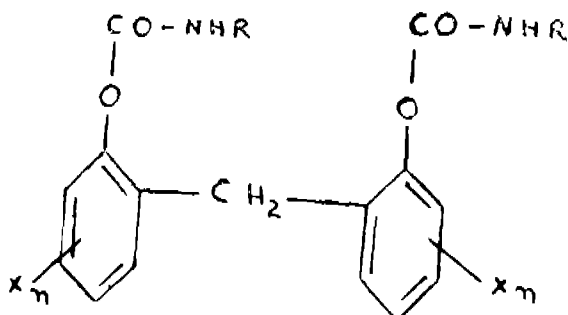
L. GIVAUDEN & CIE SOCIETE ANONYME, OF VERNIER-GENEVE; SWITZERLAND.

Application No. 121439 filed May 21, 1969.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

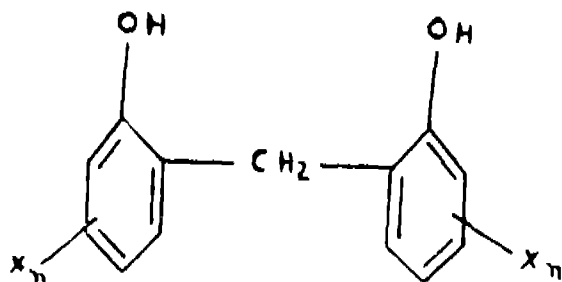
10 Claims.

Process for the manufacture of compounds of the general formula I



wherein R represents lower alkyl or a lower alkenyl group, X is halogen, and n is an integer from 2 to 3, provided that when n is 2, then R is methyl,

which comprises reacting a compound of the general formula II



wherein X and n have the above significance, with an isocyanate of the general formula RNCO, wherein R is as above.

CLASS 80K.

125063.

CONTINUOUS ULTRAFILTRATION OF MACROMOLECULAR SOLUTIONS.

AMICON CORPORATION, OF 25 HARTWELL AVENUE, LEXINGTON, MASSACHUSETTS, UNITED STATES OF AMERICA.

Application No. 125063 filed January 30, 1970.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims. No drawings.

A process of ultrafiltering solution containing gel-forming dispersed particles or gel-forming macromolecules said particles or macromolecules having a diffusion constant of less than 1×10^{-7} , characterized by flowing said solution across the face of an ultrafiltration membrane under conditions of laminar flow through a thin channel not greater than 0.033 inches thick and at a velocity sufficient to exert a hydrodynamic shear stress on a gel formed on the membrane surface of at least 200 dynes/cm² to 2000 dynes/cm², said gel being intermittently removed from the surface of said membrane and the removed gel conducted away from said membrane in said solution.

CLASS 32F₁+F_{2b}.

128143.

PRODUCTION OF BENZODIAZEPINE DERIVATIVES.

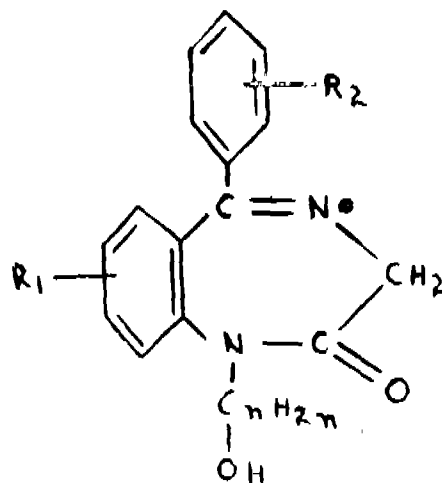
SUMITOMO CHEMICAL COMPANY LTD., OF 15, KITAHAMA-5-CHOME, HIGASHI-KU, OSAKA, JAPAN.

Application No. 128143 filed August 24, 1970.

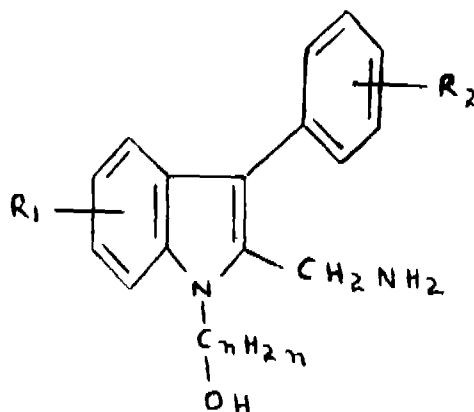
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A process for producing 1-hydroxyalkyl-benzodiazepine derivatives, represented by the formula I



wherein R₁ and R₂ each represents hydrogen, halogen C₁-C₄ alkyl, trifluoromethyl or nitro; and n represents an integer of 1 to 4, or salts thereof, which comprises reacting a 2-amino-methylindole derivative represented by the formula II,



wherein R₁, R₂ and n are as defined above, or a salt thereof with an oxidizing agent to yield the 1-hydroxy-alkylbenzodiazepine derivative; and then, if desired, reacting the 1-hydroxyalkylbenzodiazepine derivative with an acid to yield an acid addition salt of the 1-hydroxy-alkylbenzodiazepine derivative.

CLASS 32F₁+F_{2b}.

128440.

PROCESS FOR THE PREPARATION OF PYRIMIDOPYRIDAZINE DERIVATIVES.

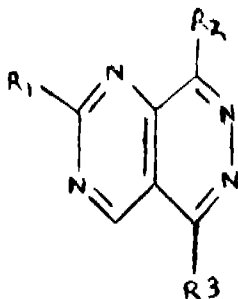
TAKEDA CHEMICAL INDUSTRIES, LTD., OF 27, DOSHOMACHI 2-CHOME, HIGASHI-KU, OSAKA, JAPAN.

Application No. 128440 filed September 15, 1970.

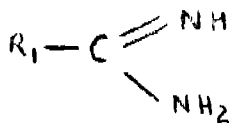
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim.

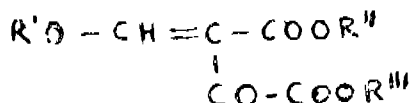
A method for the production of a compound represented by the general formula I



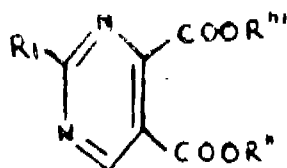
wherein R₁ stands for an aromatic hydrocarbon or a heterocyclic group, which is unsubstituted or substituted, R₂ and R₃ are, same or different, a group of -NH₂, a secondary amino group or a tertiary amino group or its pharmaceutically acceptable salts, which comprises (1) reacting a compound of the general formula (V).



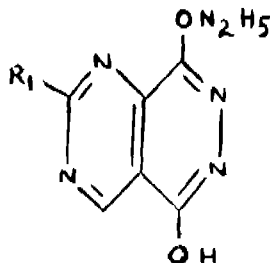
wherein R₁ has the same meaning as above with a compound of the general formula VI



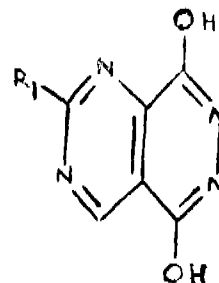
wherein R', R'', and R''' are, same or different, a lower alkyl having 1—3 carbon atoms to give a compound represented by the general formula VII



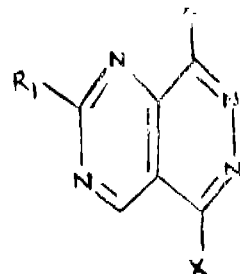
wherein R₁, R'' and R''' have the same meaning as above, (2) reacting the product with hydrazine to give a compound represented by the general formula IV



wherein R₁ has the same meaning as above (3) treating the product with an acid to give a compound of the general formula (III)



wherein R₁ has the same meaning as above, (4) subjecting the product to halogenation in a manner known *per se*, to give a compound of the general formula (II)



wherein R₁ has the same meaning as above, and X stands for a halogen atom and (5) finally, reacting the product with an amine corresponding to R₂ and R₃ and if desired converting the compound thus obtained into a pharmaceutically acceptable salt by a method known *per se*.

CLASS 32F_{2b} & 55E_{2a}.

129938.

PROCESS FOR THE PREPARATION OF NOVEL QUININE POLY-GALACTURONATE COMPOUNDS.

MUNDIPHARMA AG, OF BAHNHOFSTRASSE 26, CH4310 RHEINFELDEN, SWITZERLAND.

Application No. 129938 filed January 14, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims. No drawings.

A process for the preparation of novel quinine polygalacturonate comprising reacting quinine with polygalacturonic acid, or an acid salt of quinine with an alkaline salt of polygalacturonic acid.

CLASS 55E₁ & 189.

131178.

A METHOD OF PRODUCING A SYNERGESTIC SKIN-BLEACHING COMPOSITION.

BRISTOL-MYERS COMPANY, AT 345 PARK AVENUE, NEW YORK, NEW YORK, UNITED STATES OF AMERICA.

Application No. 131178 filed April 29, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims. No drawings.

A method of producing a synergistic skin-bleaching composition for external application, characterized by mixing together a bleaching agent, a skin irritant-exfoliating agent and an anti-inflammatory agent and formulating said mixture in a pharmaceutically-cosmetically acceptable vehicle.

CLASS 32F_{3a}.

133175.

METHOD OF MAKING 2, 9-DIOXATRICYCLO- (4, 3, 1.0 3, 7)-DECANONES.

KALI-CHEMIE AKTIENGESellschaft, OF 20 HANS-BOCKLER-ALLEE, POSTFACH 220, 3 HANNOVER, FEDERAL REPUBLIC OF GERMANY.

Application No. 133175 filed October 8, 1971.

Convention date May 26, 1971 (17333/71) U.K.

Appropriate office for opposition proceeding (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A method of making a 2, 9-dioxatricyclo-(4, 3, 1, 0⁸, 7)-decan-4-one having the formula wherein R is an alkyl or aralkyl radical and the double bond at the 10, 11 position may be hydrogenated, wherein a 2, 9-dioxatricyclo-4, 3, 1, 0⁸, 7)-decanol of the formula wherein R is an alkyl or aralkyl radical and the 10, 11-double bond may be hydrogenated, is subjected to oxidation by means of a sulphuric acid solution of chromium trioxide.

CLASS 51D & 188.

133400.

A PROCESS OF METAL COATING THE CUTTING EDGES OF RAZOR BLADES AND THE LIKE INSTRUMENTS.

SACHCHIDANAND GOSWAMI, OF 7/1, LOWER CIRCULAR ROAD, CALCUTTA-17, STATE OF WEST BENGAL, INDIA.

Application No. 133400 filed October 28, 1971.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims. No drawings.

A method of metal coating the cutting edges of razor blades and like instruments which comprises cleaning the surfaces to be metal coated to remove oil and other undesirable foreign matters therefrom, stacking the blades or the instruments in a suitable holder, placing the assembly of the holder and the blades in a metal vapour deposition chamber having therein the necessary quantity of the desired metal in an electrically heatable container of higher melting point, sealing the chamber air tight, reducing the pressure within the chamber to below 1-atm, heating the metal electrically to its vaporization temperatures, allowing the vaporised metal to deposit on the surface of the blades allowing the chamber to cool when the desired coating is obtained, removing the razor blades having the metal coated on the cutting edges, finishing them in the conventional manner and if desired applying a protective layer of synthetic resinous material.

CLASS 128B & G

135003.

A CEREBROSPINAL FLUID SHUNT VALVE.

DR. PURUSHOTTAM UPADHYAYA, DEPARTMENT OF PAEDIATRIC SURGERY, ALL INDIA INSTITUTE OF MEDICAL SCIENCE, ANSARI NAGAR, NEW DELHI-16, INDIA.

Application No. 135003 filed March 20, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

A cerebrospinal fluid shunt valve comprising a cylindrical flushing chamber made of silicone rubber and having an inlet and outlet, said inlet extending in the form of a small tube within said chamber and having a closed end, and at least one slit provided on the curved wall of said tube and the incision being inclined with respect to the wall such as to allow only a unidirectional flow of fluid from within the tube to the chamber.

CLASS 32F₂₂.

136335.

IMPROVED PROCESS FOR PREPARING AND RECOVERING Σ -CAPROLACTAM.

STAMICARBON N. V., OF VAN DER MAESENST-RAAT 2, HEERLEN, THE NETHERLANDS.

Application No. 277/72 filed May 23, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

In a process for the preparation of Σ -caprolactam comprising:

- (1) preparing a hydroxylammonium sulphate solution according to the Raschig synthesis by reacting sulphur dioxide ammonium hydroxide and ammonium nitrite to form a solution of ammonium hydrogen sulphate and hydroxylammonium sulphate and then

neutralizing this solution with ammonia to form a solution containing ammonium sulphate and hydroxylammonium sulphate;

- (2) reacting the solution obtained in step (1) with cyclohexanone to form cyclohexanonoxime with the concomitant production of an ammonium sulphate solution;
- (3) reacting the said cyclohexanonoxime according to the Beckmann rearrangement in the presence of sulphuric acid to form Σ -caprolactam;
- (4) mixing at least part of the ammonium sulphate solution obtained in step (2) with the Σ -caprolactam containing reaction mixture obtained in step (3);
- (5) extracting Σ -caprolactam from the mixture obtained in step (4) with solvent selected from the group consisting of chlorinated hydrocarbons, benzene and toluene to produce a predominantly Σ -caprolactam containing extract fraction and an acidic aqueous solution and
- (6) thermally decomposing the said acidic aqueous solution from step (5) to produce a sulphur dioxide—containing gas.

CLASS 144A.

136336.

PROCESS FOR THE MANUFACTURE OF LACQUERED SYNTHETIC FILMS IN THE FORM OF SHEETS.

REXOR INDIA LTD., 33, CHITTARANJAN AVENUE, CALCUTTA-12, WEST BENGAL, INDIA.

Application No. 476/Cal/73 filed March 3, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims. No drawings.

A process for the manufacture of lacquered/metallized synthetic films in the form of sheet characterized in that the plain and transparent synthetic film, e.g. a Polyester film is metallized by depositing a thin film of aluminium on the said film and then lacquering the film so metallized by means of an engraved roller, drying the lacquered film in a heating tunnel and winding the dried film on a roller or beam.

CLASS 32A₁.

136337.

PROCESS FOR THE MANUFACTURE OF POLYAZO DYESTUFFS.

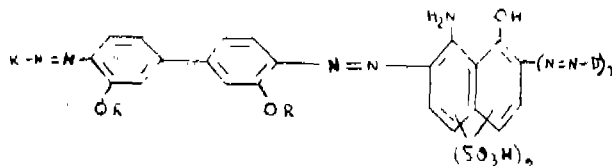
BAYER AKTIENGESELLSCHAFT, FORMERLY KNOWN AS FARBENFABRIKEN BAYER AKTIENGESELLSCHAFT, OF LEVERKUSEN, FEDERAL REPUBLIC OF GERMANY.

Application No. 45/72 filed April 26, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

Process for the manufacture of polyazo dyestuffs which in the form of the free acid correspond to the formula



wherein

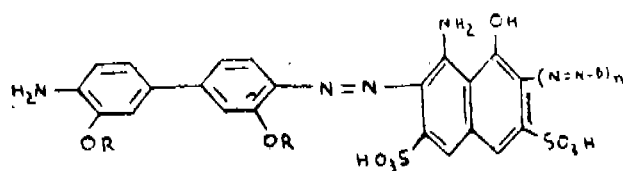
R=C₁—C₆-alkyl, preferably methyl or ethyl,

D=a radical, free of sulpho groups, of the benzene series or the naphthalene series,

K=a radical of the o- or p-hydroxyphenyl or -aminophenyl series; and

n=0 or 1

characterised in that diazotised amino dyestuffs of the formula IV.



wherein

R, D and n have the abovementioned meaning, are coupled with coupling components

K-H

wherein

K has the abovementioned meaning.

CLASS 48D₁. 136338.

A PROCESS FOR THE PRODUCTION OF AN ELECTRIC CONDUCTOR INSULATED WITH CROSSLINKED POLYETHYLENE.

SIEMENS AKTIENGESellschaft, OF BERLIN AND MUNICH, WEST GERMANY.

Application No. 1687/72 filed October 20, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims. No drawings.

A process for the production of an insulated electric conductor which comprises extruding uncrosslinked polyethylene having a density of at least 0.935 onto the electric conductor to form a coating of the uncrosslinked polyethylene on the electric conductor, incorporating in the uncrosslinked polyethylene before, during or after the extrusion thereof onto said electric conductor a peroxide crosslinking agent, and heating the coated electric conductor containing the peroxide crosslinking agent at, or approximately at, atmospheric pressure and at a temperature of at least 220°C to form the desired insulated electric conductor.

CLASS 32A₁. 136339.

PROCESS FOR THE MANUFACTURE OF NEW DIS-AZO PIGMENTS.

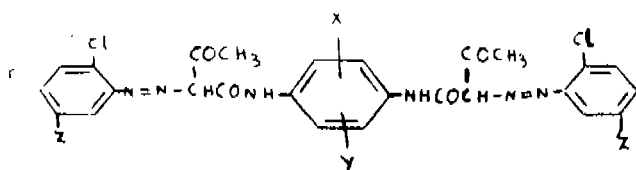
CIBA-GEIGY AG, OF KLYBECKSTRASSE 141, BASLE, SWITZERLAND.

Application No. 1296/72 filed August 30, 1972.

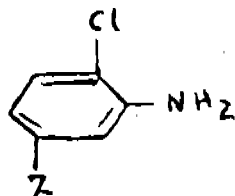
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office.

5 Claims.

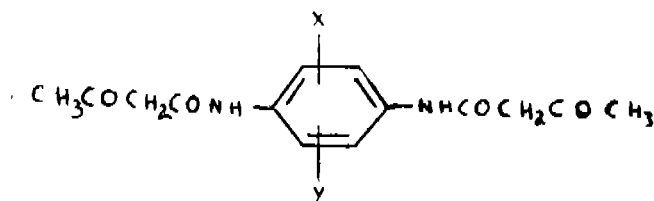
Process for the manufacture of disazo pigments of the formula



wherein X denotes hydrogen or halogen, an alkyl or alkoxy group containing 1 to 4 carbon atoms, the trifluoromethyl, nitro or nitrile groups or an aminocarbonyl group or alkoxy-carbonyl group containing 1 to 5 carbon atoms, Y denotes hydrogen or halogen, an alkyl group containing 1 to 4 carbon atoms or the trifluoromethyl group and Z denotes chlorine or the methyl or trifluoromethyl group, characterised in that a diazo or diazoamino compound of an amine of the formula 2



is coupled with a bis-acetoacetyl-p-phenylenediamine or the formula 3



in which X and Y have the meanings stated above in the molar ratio of 2 : 1.

CLASS 32F₄₄.

136340.

PROCESS FOR THE PREPARATION OF ETHYLENE OXIDE.

SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B. V., OF CEREL VAN BYLANDTLAAN 30, THE HAGUE, THE NETHERLANDS.

Application No. 1472/Cal/74 filed July 2, 1974.

Division of application No. 35/Cal/73 filed January 5, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

21 Claims. No drawings.

A process for the preparation of ethylene oxide by direct oxidation of ethylene with molecular oxygen in the presence of a silver-containing catalyst, characterized in that the process is carried out in the presence of a silver catalyst containing of from 0.00035 to 0.0030 gram equivalent weight, based on the entire catalyst, of potassium, rubidium and/or cesium, which has been deposited coincidentally with the silver on the support.

CLASS 32A₁.

136341.

PROCESS FOR THE MANUFACTURE OF AZO COMPOUNDS.

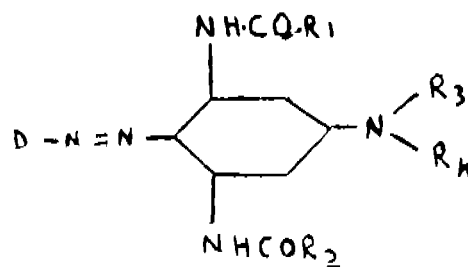
CIBA OF INDIA LIMITED, OF AAREY ROAD, GOREGAON EAST, BOMBAY-63, MAHARASHTRA STATE, INDIA.

Application No. 15/Bom/73 filed January 10, 1973.

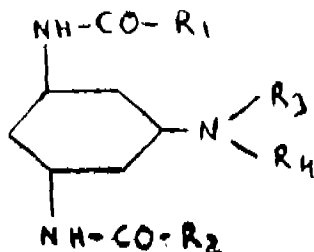
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

5 Claims.

A process for the manufacture of azo compounds which are free from water-solubilising acid groups and have the formula shown in Fig. 1.



in which D is the radical of a diazo component, R₁ and R₂ are alkyl radicals, R₃ is a hydrogen atom or an alkyl radical which may be interrupted by one or more heteroatoms and/or may carry substituents, and R₄ is an alkyl radical which may be interrupted by at least one heteroatom and is substituted by one or more halogen atoms, cyano, phenyl, alkoxy, alkoxy-carbonyl, aryloxy-carbonyl, alkylamino carbonyl, arylamino-carbonyl, morpholinyl-carbonyl, aminocarbonyl, dialkylamino-carbonyl, alkylaminocarbonyloxy, arylaminocarbonyloxy, aryloxy, arylcarbonyl, alkylcarbonyl or phthalimido radicals, wherein a diazonium compound of a diazo component is coupled with a coupling component of the formula shown in Fig. 2



wherein R_1 , R_2 , R_3 and R_4 have the same meanings as hereinabove.

CLASS 32F.

136342.

PROCESS FOR PREPARING 7-O-TRITYL-3, 4-O-ARYLIDENE LINCOMYCIN DERIVATIVES.

THE UPJOHN COMPANY, OF 301 HENRIETTA STREET, KALAMAZOO, MICHIGAN, UNITED STATES OF AMERICA.

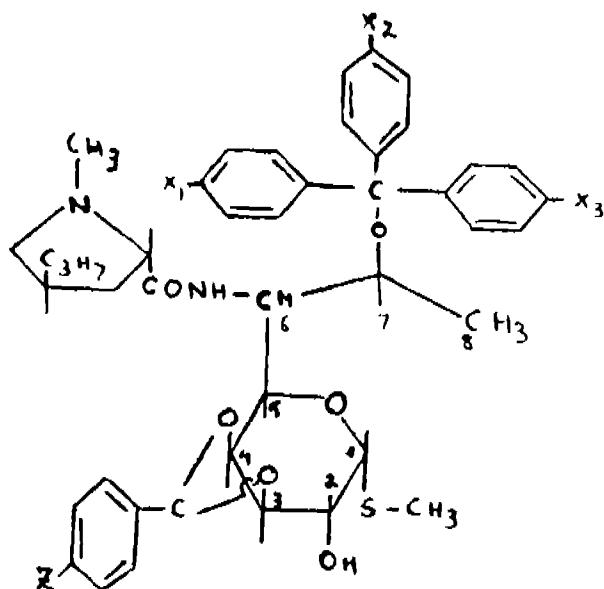
Application No. 634/Cal/74 filed March 22, 1974.

Division of application No. 109388 filed February 20, 1967.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

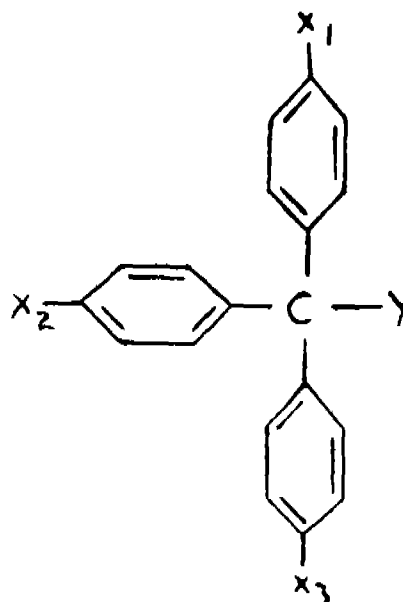
A process for preparing compounds of the structural formula III shown in Fig. 4.



wherein X_1 , X_2 and X_3 are selected from the group consisting of hydrogen, halogen, and OCH_3 ; Z is selected from the group consisting of halogen, methoxy, nitro and alkyl of from 1 to 8 carbon atoms; which comprises:

- (1) condensing lincomycin with a compound selected from the group consisting of an aromatic aldehyde and substituted aromatic aldehyde to produce 3, 4-O-arylidene lincomycin; and

- (2) tritylating 3, 4-O-arylidene lincomycin with a tritylating agent of the formula shown in Fig. 3.



wherein Y is selected from the group consisting of chlorine and bromine, and X_1 , X_2 and X_3 are selected from the group consisting of hydrogen, halogen, and OCH_3 , to form 7-O-trityl-3, 4-O-arylidene lincomycin.

CLASS 48A₁ & 136C & 152E.

136343.

PROCESS FOR THE PRODUCTION OF A CROSSLINKED POLYETHYLENE SHEATHING AND/OR INSULATION IN AN ELECTRIC CABLE OR CONDUCTOR.

SIEMENS AKTIENGESSELLSCHAFT, OF BERLIN AND MUNICH, WEST GERMANY.

Application No. 1774/72 filed October 30, 1972.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 Claims.

A process for the production of a crosslinked polyethylene sheathing and/or insulation in an electric cable or conductor, which comprises extruding over a core structure providing part of a cable or conductor cross-section, uncross-linked polyethylene which has been freed from polyethylene non-soluble matter and which is moisture-free and which has a density not greater than 0.935 g/cc and a melt index MFI 190/2 not more than 0.3, and cross-linking the polyethylene, after its extrusion on to the core structure, in a salt bath, a liquid bath or a fluidised bed serving as heat transfer medium while maintaining the core structure temperature at a value of at least 80°C, the cross-linking being effected using a peroxide cross-linking agent.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

(1)

121269 121421 121508 122525 122573 122626 122646 122647
122673 122685 122716 122874 122918 122948 123035 123076
123317 123352 123673 124323 124364 124421 124459 124784
124854 125213 125828 125881 125995 126331 136730 127768
128782 129900 130073.

(2)

80186 81805 127883 128487 128717 129134 129488 129655
130169 130171 130828 131615 132344 132726 133055 133090

(3)

129288 130101 131919.

(4)

80129 107425 108219 125410 125985 128052 133894 134698
136028.

(5)

136039 136040.

PATENTS SEALED

127015 128567 131471 132473 132806 132944 133902 133918
133935 134164 134165 134187 134247 134639 134894 135162
135486 135521 135531 135582 135584 135586 135589.

AMENDMENT PROCEEDINGS UNDER SECTION 57

(1)

The amendments proposed by Biofarma in respect of Patent application No. 77290 as advertised in Part III, Section 2 of the Gazette of India dated the 13th July 1974 have been allowed.

(2)

The amendments proposed by Eli Lilly and Company in respect of Patent application No. 77900 as advertised in Part III, Section 2 of the Gazette of India dated the 13th July 1974 have been allowed.

(3)

The amendments proposed by Sterling Drug Inc., in respect of Patent application No. 79544 as advertised in Part III, Section 2 of the Gazette of India dated the 13th July 1974 have been allowed.

(4)

The amendments proposed by Smith Kline & French Laboratories in respect of Patent application No. 107890 as advertised in Part III, Section 2 of the Gazette of India dated the 13th July 1974 have been allowed.

(5)

The amendments proposed by Ashland Oil Inc., in respect of Patent application No. 125482 as advertised in Part III, Section 2 of the Gazette of India dated the 13th July 1974 have been allowed.

(6)

The amendments proposed by Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning in respect of Patent application No. 126902 as advertised in Part III, Section 2 of the Gazette of India dated the 13th July 1974 have been allowed.

(7)

The amendments proposed by Farbwerk Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning in respect of Patent application No. 127752 as advertised in Part III, Section 2 of the Gazette of India dated the 13th July 1974 have been allowed.

(8)

The amendments proposed by Stamicarbon N.V., in respect of Patent application No. 128835 as advertised in Part III, Section 2 of the Gazette of India dated the 13th July 1974 have been allowed.

(9)

The amendments proposed by Snam Progetti S.p.A., in respect of Patent application No. 128907 as advertised in Part III, Section 2 of the Gazette of India dated the 13th July 1974 have been allowed.

(10)

The amendments proposed by General Mills Inc., in respect of Patent application No. 129487 as advertised in Part III, Section 2 of the Gazette of India dated the 13th July 1974 have been allowed.

(11)

The amendments proposed by Sandoz Ltd., in respect of Patent application No. 129591 as advertised in Part III, Section 2 of the Gazette of India dated the 13th July 1974 have been allowed.

(12)

The amendments proposed by Smith Kline & French Laboratories in respect of Patent application No. 131311 as advertised in Part III, Section 2 of the Gazette of India dated the 13th July 1974 have been allowed.

(13)

The amendments proposed by Knapsack Aktiengesellschaft in respect of patent application No. 131311 as advertised in Part III, Section 2 of the Gazette of India dated the 13th July 1974 have been allowed.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No. & Title of the invention

- 123155 (13-8-69) Method for preparing a liquid relish from meats.
123762 (28-10-69) New antibiotic, process for its manufacture and bactericidal and fungicidal compositions containing the same.
123915 (6-11-69) New diglycidyl derivatives of N-heterocyclic compounds, processes for their manufacture and use.
123916 (6-11-69) New azo dyestuffs processes for their manufacture process for dyeing and printing therewith and the dyed material.
125100 (2-2-70) A method of producing dead low carbon steel.
130832 (5-7-69) Tetravalent phenols and process for preparing the same.
130833 (5-7-69) Tetravalent phenols and process for preparing the same.

RENEWAL FEES PAID

72948 73810 73820 74506 79061 79192 79212 79234 79303
79575 84422 85161 85194 90113 90361 90537 90587 90819
91073 91188 93102 96341 96367 96644 96659 96719 96823
101925 102188 102788 102895 103132 103308 103664 106805
107562 107794 107860 108463 111232 112240 112748 112776
112836 112906 112944 112949 113114 113200 113280 113284
113609 113612 113613 113661 113662 113818 114084 117855
117983 117984 118015 118036 118048 118067 118253 118478
118531 118567 120273 123260 123587 123629 123656 123657
123727 123739 123740 123774 124037 124136 124159 124178
124297 124376 124431 126827 128464 128727 128869 128870
128881 128992 128998 129000 129133 129139 129304 129315
129420 129429 129588 129846 129940 129962 130294 130313
131843 131907 131922 132533 132940 133003 133203 133312
133313 133488 133625 133655 133678 133752 133822 133890
133912 133984 134090 135457 135519.

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application was made under section 60 of the Patents Act, 1970 for the restoration of Patent No. 125639 granted to Sigma (Holding) S. A. for an invention relating to "method for the erection of buildings and cells for execution of the said method." The Patent ceased on the 9th March, 1974 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 16th November, 1974.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate, with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 23rd January, 1975 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(2)

Notice is hereby given that an application was made under section 60 of the Patents Act, 1970 for the restoration of Patent No. 128728 granted to Investors in Ventures, Inc. for an invention relating to "Assemblies of precision fitted relatively movable components and methods for manufacturing the same." The Patent ceased on the 11th May, 1974 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 9th November, 1974.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32, in duplicate, with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 23rd January, 1975 under Rule 69 of the Patents Rules, 1972. A written statement, in triplicate, setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of

Patent No. 132517 granted to Chencihari Vadakil Venu-gopalan for an invention relating to "auto service indicator". The patent ceased on the 15th July, 1974 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 2nd November, 1974.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 23rd January, 1975 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application for restoration of Patent No. 97126 dated the 21st December, 1964 made by Hammon Precision Equipment Company on the 30th April, 1974 and notified in the Gazette of India, Part III, Section 2, dated the 13th July, 1974 has been allowed and the said patent restored.

(5)

Notice is hereby given that an application for restoration of Patent No. 117478 dated the 28th August, 1968 made by Joseph Lucas (Industries) Limited on the 14th June, 1974 and notified in the Gazette of India, Part III, Section 2, dated the 13th July, 1974 has been allowed and the said patent restored.

S. VEDARAMAN,
Controller-General of Patents, Designs and
Trade Marks.

